

# Shelf Drilling reduces time spent in data transfer and consolidation by 98%



Shelf Drilling is a leading contractor of jack-up rigs with Management headquartered in Dubai and operations across four core operating regions – Southeast Asia, India, West Africa and MENAM (Middle East, North Africa & Mediterranean). The Company maintains a sole focus on shallow water drilling services and currently operates 30 rigs across eight countries and has 12 onshore locations, with approximately 3,100 employees and contractors.

The rigs are connected to headquarters via satellite. Because of the low bandwidth of satellite connections, Shelf Drilling needed an integrated planning system that could replicate data offline and in the background.

[www.shelfdrilling.com](http://www.shelfdrilling.com)

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CHALLENGE

## Disconnected systems prevented real-time financial and operational planning

Prior to adopting Jedox, Shelf Drilling rig managers used disconnected MS Excel worksheets for their maintenance forecasts. Maintenance expenditure is one of the main expenses at Shelf Drilling since maintaining all the equipment on the rigs, and keeping them in good shape, is critical to the Company's operational efficiency. Every rig manager captured their own planning in MS Excel and sent their sheets to the corporate office where they were consolidated. While effective, Shelf Drilling looked to streamline and simplify these processes and selected Jedox as the most effective platform to achieve their aims.

Further, as part of Shelf Drilling's emissions reduction drive, the Company needed to track the engine hours and fuel consumption across their fleet of rigs. The capture of this data was previously managed using MS Excel which took a substantial amount of time to consolidate each month. In addition, manual data capture in MS Excel was prone to errors as there was no system validation in place. The Company also wanted more "real-time" insights for efficiently tracking and managing the fuel consumption and assisting the rig teams in achieving their sustainability goals.

SOLUTION

## Shelf Drilling adopted an FP&A and integrated business planning solution that is fast, flexible, and familiar

Shelf Drilling adopted the Jedox **enterprise performance management** solution. Its flexibility along with the ability to visualize planning and operational data through dashboards and reports were some of the main reasons they invested in the platform. Another important factor has been the **similarity between Jedox and MS Excel user interface** which made its adoption easy and quick for the end-users.

Shelf Drilling had already adopted JD Edwards ERP as well as various BI tools, so they could quickly integrate Jedox with their existing technology infrastructure to maintain a consistent, always up-to-date, single source of financial and operational data.

One of the main advantages of the way Jedox is implemented is the ability of all the rigs to collaborate and contribute to planning models through an offline, batched operation. The flexibility that Jedox offers in this regard is of great importance for the usability on the offshore drilling rigs. The application is very flexible and customizable and offers visualization options to create pie charts, bar charts and the like. In addition, Shelf Drilling appreciated the great support of the local Jedox team.

*While our data capture processes are more streamlined with Jedox, many of our colleagues still freely use MS Excel and pivot tables to analyze data from the platform. They appreciate that they can simply export all the information from Jedox back into Excel for their ad-hoc data analysis. In the webforms, we can quickly add dropdowns for selection and easily create the required filters to help users get to the information that they need swiftly.*

*– Bryan Teo, ERP director at Shelf Drilling*

Shelf Drilling also built another solution on the Jedox platform utilizing the in-built approval workflow engine, to manage project authorizations. This solution helps eliminate paper approvals that previously had to be scanned and emailed to the next approver before being uploaded to the ERP system as evidence of project authorization.

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OUTCOME

## Shelf Drilling workforce previously involved in data transfer and consolidation can now utilize their time for other important financial and operational activities.

Today the planning process at Shelf Drilling looks a lot different than it used to. There is no more manual data entries in disconnected MS Excel spreadsheets. The data is input by the rig managers and other personnel in the webforms, and this is stored and synchronized in the background in the **Jedox platform**. Everyone involved at the HQ and in other locations gets close to real time view. With a very accurate transfer of almost real time data on fuel consumption from the rigs they can optimize their engine hours, save fuel, and be more sustainable.

**Implementing Jedox** has allowed Shelf Drilling to eliminate the manual data transfer and data consolidation process and the resources saved can be deployed to more value adding tasks. Further, business users can simply assemble the data in the system and the required operational data is immediately available for use in models and reports.



Jedox is being used for different purposes and among different departments, namely for the maintenance forecasts, project authorizations and emissions tracking. Not only does the management team see the consolidated results almost instantly, but the solution also improves data transfer efficiency between various systems in Shelf Drilling.

Shelf Drilling employees throughout the business work with Jedox now. In addition to the rig managers, rig personnel and the head of departments at HQ, the Company has recently introduced Jedox to the marketing department to digitalize the Revenue Backlog process and is currently rolling out the solution across other departments as well.

*With Jedox, we were able to streamline and simplify our data management process. Information collected is automatically synchronized in the cloud and seamlessly consolidated, providing a single source of the truth. Further, the online approval functionality within Jedox has enabled us to digitalize project authorizations company-wide, increasing compliance while eliminating paperwork.*

*– Ian Clark, Executive Vice President at Shelf Drilling*